

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 December 2004 (29.12.2004)

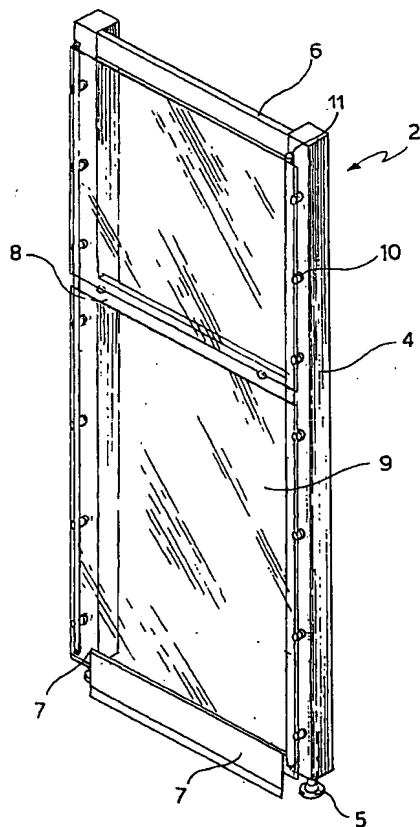
PCT

(10) International Publication Number  
**WO 2004/113175 A1**

- (51) International Patent Classification<sup>7</sup>: **B65B 59/04**, (74) Agents: **LONG, Giorgio et al.**; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).  
B67D 5/64
- (21) International Application Number: PCT/IT2003/000397
- (22) International Filing Date: 26 June 2003 (26.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (for all designated States except US): **SIG TECHNOLOGY LTD.** [CH/CH]; Laufengasse 18, CH-8218 Neuhausen Rheinfalls (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ZUCCHERI, Andrea** [IT/IT]; Strada d'Azeglio, 44, I-43100 Parma (IT). **GORBI, Massimo** [IT/IT]; Viale Piacenza, 33, I-43100 Parma (IT). **MADOI, Paolo** [IT/IT]; P.le Boito, 5, I-43100 Parma (IT).
- (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

[Continued on next page]

(54) Title: PROTECTIVE STRUCTURE FOR AN APPARATUS FOR THE HANDLING OF CONTAINERS



(57) Abstract: The invention relates to a protective structure for machines or apparatus, in particular an apparatus for the handling of containers, which has a barrier to limit noise emissions to the external environment. In particular, the invention relates to a protective structure 1 for an apparatus for the handling of containers comprising a frame 2, panels 9 for insulating it from the external environment, fastened to said frame 2 by fastening means 10 which create a gap between said frame 2 and said panels 9, and gasket means arranged in said gap, characterized in that said gasket means comprise gasket walls 11 which can be expanded by blowing in fluids under pressure.



SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*